

**Amendment to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of claims:**

**Claim 1** (Original) A vibration damper for damping torsional and bending vibrations in a rotating shaft having an axis of rotation, the vibration damper comprising:

a hub adapted to be coupled to the shaft for rotational movement therewith;

an inertia element concentric with the hub; and

an elastic element adapted to non-rigidly couple the hub and the inertia element;

wherein the elastic element possesses a first shear modulus in a first direction and a second shear modulus in a second direction and wherein the first shear modulus and the second shear modulus are different.

**Claim 2** (Original) The vibration damper of claim 1 wherein the elastic element comprises a composite material.

**Claim 3** (Original) The vibration damper of claim 2 wherein the composite material comprises an elastomer having a plurality of fibers dispersed therein.

**Claim 4** (Original) The vibration damper of claim 3 wherein the plurality of fibers are dispersed within the elastomer in a unidirectional orientation.

**Claim 5** (Original) The vibration damper of claim 3 wherein the plurality of fibers are dispersed within the elastomer in a longitudinal orientation with respect to the elastic element.

**Claim 6** (Original) The vibration damper of claim 3 wherein the plurality of fibers are dispersed within the elastomer in an axial orientation that is substantially parallel to the axis of rotation.

Application No.: 10/802,104

Attorney Docket No.: 02-10 (444407-00039)

Amendment

Page 4 of 11

**Claim 7** (Currently Amended) The vibration damper of claim 3 wherein the plurality of fibers are dispersed within the elastomer in a radial orientation with respect to the axis if of rotation.

**Claim 8** (Original) The vibration damper of claim 1 wherein a first surface located on the inertia element is spaced radially outwardly from a second surface located on the hub, and wherein the elastic element is located between the first surface and the second surface.

**Claim 9** (Original) The vibration damper of claim 1 wherein an outer surface of the inertia element is adapted to receive a power-transmitting belt.

**Claim 10** (Cancelled)

**Claim 11** (Original) The vibration damper of claim 1 wherein an outer surface of the hub is adapted to receive a power-transmitting belt.

**Claims 12 – 23** (Cancelled)

24. (New) A vibration damper for damping torsional and bending vibrations in a rotating shaft having an axis of rotation, the vibration damper comprising:

a hub adapted to be coupled to the shaft for rotational movement therewith;

an inertia element concentric with the hub; and

an anisotropic elastic element adapted to non-rigidly couple the hub and the inertia element, the anisotropic elastic element having a first shear modulus in a first direction and a second shear modulus in a second direction that is different from the first shear modulus.